

Product Datasheet

Histone Deacetylase 2/HDAC2 Antibody (C.15200201) - BSA Free NBP2-59269

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-59269

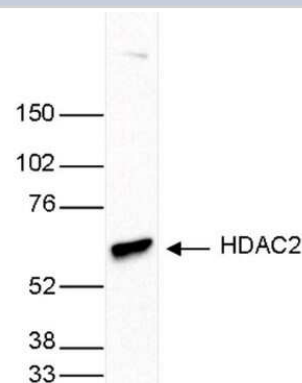
Histone Deacetylase 2/HDAC2 Antibody (C.15200201) - BSA Free

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C.15200201
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Histone Deacetylase 2/HDAC2 Antibody (C.15200201) - BSA Free (NBP2-59269) is a monoclonal antibody validated for use in WB, ICC/IF and CHIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3066
Gene Symbol	HDAC2
Species	Human
Immunogen	The exact immunogen is proprietary information.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing, Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:500, Immunofluorescence 1:500, Chromatin Immunoprecipitation (ChIP) 1 ug, Chromatin Immunoprecipitation Sequencing 1ug/ChIP, Knockdown Validated



Images

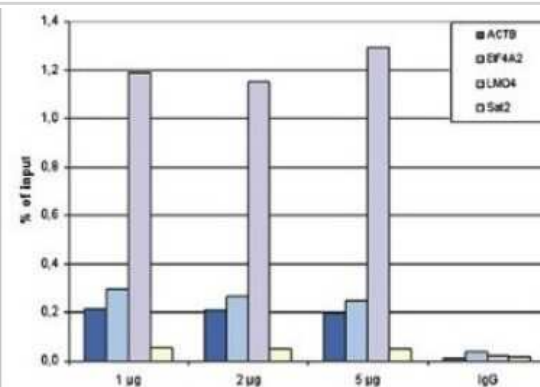
Western Blot: Histone Deacetylase 2/HDAC2 Antibody (C.15200201) [NBP2-59269] - Whole cell extracts from HeLa cells (25 ug) were analyzed using the antibody against HDAC2 diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right (expected size: 55 kDa); the marker (kDa) is shown on the left.



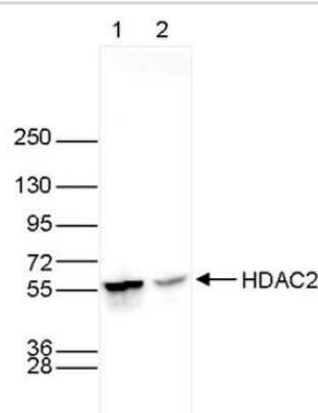
Immunocytochemistry/Immunofluorescence: Histone Deacetylase 2/HDAC2 Antibody (C.15200201) [NBP2-59269] - HeLa cells were stained with the antibody (left) diluted 1:500 in blocking solution followed by an anti-mouse antibody conjugated to Alexa Fluor 594. The middle panel shows staining of the nuclei with DAPI. A merge of the two stainings is shown on the right.



Chromatin Immunoprecipitation: Histone Deacetylase 2/HDAC2 Antibody (C.15200201) [NBP2-59269] - ChIP assays were performed using human HeLa cells, the antibody consisting of 1, 2 and 5 ug per ChIP experiment was analyzed. IgG (2 ug/IP) was used as negative IP control. QPCR was performed with primers for the ACTB, EIF4A2 and LMO4 genes, used as positive controls, and for the Sat2 satellite repeat, used as negative control. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



Western Blot: Histone Deacetylase 2/HDAC2 Antibody (C.15200201) [NBP2-59269] - Whole cell extracts (40 ug) from HeLa cells transfected with HDAC2 siRNA (lane 2) and from an untransfected control (lane 1) were analyzed using the antibody against HDAC2 diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest is indicated on the right (expected size: 55 kDa); the marker (kDa) is shown on the left.





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Products Related to NBP2-59269

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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